

# FALK & FISH

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January 26, 2001

**Via Express Mail Delivery**  
**No. EL 438566555US**

Examiner Stephen Funk  
United States Patent and Trademark  
Office Group 2854  
Room 9D35- Crystal Plaza IV  
Arlington, VA 22202

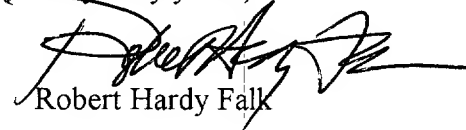
Re: *Bill L. Davis, et al*; United States 09/315,796;  
Our File No. Will 2501

Dear Examiner Funk:

In connection with the above-reference reissue, enclosed please find the following documents:

- (1) Reissue Applicants' Second Submissions of Deposition Testimony -- Testimony of the Parties;
- (2) Second Supplemental Amendment Under 37 C.F.R §1.111;
- (3) Second Supplemental Amendment Under 37 C.F.R §1.111 Transmittal Letter; and
- (4) Supplemental Deposition of John W. Bird, dated November 20, 2000.

Very truly yours,

  
Robert Hardy Falk

RHF:tsmc  
Enclosure(s)

09/315,796-033044

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of:

**BILL L. DAVIS and JESSE S. WILLIAMSON**

For Reissue of U S Patent 5,630,363

Issued May 20, 1997

Serial No. 08/515,097

Filing Date: May 20, 1999

Serial No.: 09/315,796

For: **COMBINED LITHOGRAPHIC/  
FLEXOGRAPHIC PRINTING  
APPARATUS AND PROCESS**

Group Art Unit: 2854

Examiner: S. Funk  
J. Hilten

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**SECOND SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.111**

To: The Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

With the conclusion of the litigation in the Northern District of Texas, reissue applicants would like to add some dependent claims directed to preferred embodiment, narrower than the outstanding claims in the is prosecution existing as of the filing date of May 20, 1999.

**IN THE CLAIMS**

Please add the following claims:

88. The apparatus of Claim 15 wherein the flexographic ink-providing means is an anilox roller mounted in an auxiliary retractable coater unit.

89. The apparatus of Claim 15 wherein a high-velocity air dryer is associated with the impression cylinder of said flexographic station.

90. The apparatus of claim 89 wherein the flexographic ink-providing means is an anilox roller mounted in an auxiliary retractable unit.

91. Method of combining offset lithographic and flexographic printing in a continuous in-line sheet-fed process, combining the steps of:

(a) providing a plurality of successive offset lithographic sheet-fed printing stations for printing images on cut paper sheets;

(b) providing one or more flexographic printing stations prior to at least one of said offset lithographic stations for printing a flexographic image on each of said cut paper sheets, each of said flexographic printing stations comprising:

(1) a blanket cylinder, said blanket cylinder including a flexographic plate having an image thereon for transferring a flexographic image to said blanket cylinder;

(2) an anilox roller for applying a flexographic image to said flexographic plate on said blanket cylinder; and

(3) an impression cylinder in image-transferring relationship with said blanket cylinder for transferring said flexographic image from said blanket cylinder to said substrate;

at least one of said succeeding printing stations being a lithographic printing station using offset lithography for printing additional images on top of said flexographic image on each sheet; and

(c) providing a high-velocity air dryer associated with the impression cylinder of each flexographic printing station for drying the flexographic image printed on each sheet.

92. The method of Claim 91 wherein the printing of the flexographic image is accomplished by the anilox roller being mounted in an auxiliary retractable coater unit adapted to engage said flexographic plate on said blanket.

93. The method of Claim 91 wherein the printing of the flexographic image is accomplished by the anilox roller being mounted in a dedicated flexographic printing station.

94. Method of combining offset lithographic and flexographic printing in a continuous in-line sheet-fed process, combining the steps of:

(a) providing a plurality of successive offset lithographic sheet-fed printing stations for printing images on one or both sides of each of a succession of cut paper sheets;

(b) providing one or more flexographic stations prior to at least one of said offset lithographic stations for printing a flexographic image on one side of each of said cut paper sheets, each flexographic printing station comprising:

(1) a blanket cylinder, said blanket cylinder including a flexographic plate having an image thereon for transferring a flexographic image to said blanket cylinder;

(2) an anilox roller for applying a flexographic image to said flexographic plate on said blanket cylinder; and

(3) an impression cylinder in image-transferring relationship with said blanket cylinder for transferring said flexographic image from said blanket cylinder to said substrate;

(c) providing at least one succeeding printing station being a lithographic printing station using offset lithography for printing one or more images on the reverse side of the side on which said flexographic image was printed; and

(d) providing a high velocity air dryer associated with the impression cylinder of each flexographic printing station for drying the flexographic image printed on each sheet.

95. The method of Claim 94 wherein the printing of flexographic images is accomplished by the anilox roller being mounted in an auxiliary retractable coater unit adapted to engage said flexographic plate on said blanket cylinder.

96. The method of Claim 91 wherein the printing of flexographic images is accomplished by the anilox roller being mounted in a dedicated flexographic printing station.

Sub D3 97. Apparatus for a combined lithographic and flexographic printing process for printing a multicolored image on a succession of sheets comprising:

(a) a plurality of successive printing stations for printing an image on a succession of sheets in a continuous in-line process, said printing stations including both lithographic and one or more flexographic printing station;

(b) each of said flexographic printing stations having:

(1) a blanket cylinder, said blanket cylinder including a flexographic plate having an image thereon for transferring a flexographic image to said blanket cylinder;

(2) an anilox roller for applying a flexographic to said flexographic plate on said blanket cylinder; and

(3) an impression cylinder in an image-transfer relationship with said blanket cylinder for transferring said flexographic color image from said blanket cylinder to each of the succession of sheets;

at least one of said succeeding of printing stations being a lithographic printing stations using offset lithography for printing additional images on top of said flexographic image; and

(c) a high velocity air dryer associated with the impression cylinder of each flexographic printing stations for quickly drying the flexographic image printed on each sheet.

98. The apparatus of Claim 97 wherein the printing of flexographic images is accomplished by the anilox roller being mounted in an auxiliary retractable coater unit adapted to engage said flexographic plate on said blanket cylinder.

99. The apparatus of Claim 97 where in the printing of flexographic images is accomplished by the anilox roller being mounted in a dedicated flexographic printing station.

100. Apparatus for a combined lithographic and flexographic printing process for printing multicolored images on a succession of sheets, comprising:

(a) a plurality of successive printing stations for printing images on one or both sides of a succession of sheets in a continuous in-line process said printing stations including both lithographic and one or more flexographic printing stations;

(b) each of said flexographic printing stations having:

(1) a blanket cylinder, said blanket cylinder including a flexographic plate having an image thereon for transferring a flexographic image to said cylinder;

(2) an anilox roller for applying a flexographic image to said flexographic plate on said plate cylinder; and

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(3) an impression cylinder in an image transferring relationship with said blanket cylinder for transferring said flexographic image from said blanket cylinder to each of the succession of sheets;

(c) at least one of said succeeding printing stations being a lithographic printing station using offset lithographic for printing one or more additional images on the reverse side of the side on which said flexographic image was printed; and

(d) a high velocity air dryer associated with the impression cylinder of each flexographic printing station for drying the flexographic image printed on each sheet.

101. The apparatus of Claim 100 wherein the printing of flexographic images is accomplished by the anilox roller being mounted in an auxiliary retractable coater unit adapted to engage said flexographic plate on said blanket cylinder.

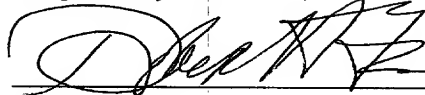
102. The apparatus of Claim 100 wherein the printing of flexographic images is accomplished by the anilox roller being mounted in a dedicated flexographic printing station.

#### REMARKS

Dependent claims 88-90 follow as a result of the limitations of dependent claims from '363 claim 17 (e.g., note claim 20) and the testimony of co-applicant Bill Davis at the first part of his deposition.

Method claims 91-93 pick up reissue applicants method for a sheet-fed embodiment wherein a high velocity air dryer is required. Claims 94-96 pick up a perfecting embodiment. Apparatus claims 97-99 are parallel to method claims 91-93, and apparatus claims 100-102 are parallel to method claims 94-96.

Respectfully submitted,



Robert H. Falk

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ATTORNEYS FOR REISSUE APPLICANTS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of:

**BILL L. DAVIS and JESSE S. WILLIAMSON**

For Reissue of U. S. Patent 5,630,363  
Issued May 20, 1997  
Serial No. 08/515,097

Group Art Unit: 2854

Filing Date: May 20, 1999

Examiner: S. Funk  
J. Hilten

Serial No.: 09/315,796

For: **COMBINED LITHOGRAPHIC/  
FLEXOGRAPHIC PRINTING  
APPARATUS AND PROCESS**

**CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10**

TO: Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

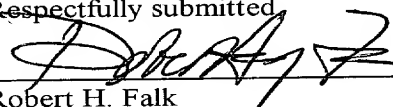
SIR:

I certify that the following documents were deposited by Express Mail No.  
EL438566555US on or before 12:00 midnight this 26<sup>th</sup> day of January, 2001 addressed to:

Examiner Stephen Funk  
United States Patent and Trademark Office  
Office Group 2854, Room 9D35, Crystal Plaza IV  
Arlington, Virginia 22202

1. Reissue Applicants' Second Submission of Deposition Testimony – Testimony of the Parties;
  2. Second Supplemental Amendment Under 37 C.F.R. §1.111;
  3. Second Supplemental Amendment Under 37 C.F.R. §1.111 Transmittal Letter;
- and
4. Supplemental Deposition of John W. Bird, dated November 20, 2000.

Respectfully submitted,

  
Robert H. Falk  
Reg. No. 27,877  
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ATTORNEY FOR REISSUE APPLICANTS

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Group Art Unit: 2854

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J. Hiltten

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**CERTIFICATE OF SERVICE**

I hereby certify that the following documents and things were served on Protestors' counsel by delivering a true and correct copy thereof to the offices of Protestors' counsel by depositing in first class mail on the 26<sup>th</sup> day of January, 2001, addressed as follows:

William D. Harris, Jr.  
LOCKE LIDDELL & SAPP, LLP  
2200 Ross Ave., Suite 2200  
Dallas, Texas 75201

1. Second Supplemental Amendment Under 37 C.F.R §1.111;
2. Second Supplemental Amendment Under 37 C.F.R §1.111 Transmittal Letter;
3. Reissue Applicants' Second Submission of Deposition Testimony - Testimony of the Parties; and
4. Supplemental Deposition of John W. Bird, dated November 20, 2000.

  
Robert Hardy Falk

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPARATUS AND PROCESS**

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UNDER 37 CFR §1.111 TRANSMITTAL LETTER**

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TO: Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

SIR:

This amendment has the following fees:

	<u>NO. PREVIOUSLY FILED AND PAID FOR</u>	<u>AFTER THIS 2D SUPPL. AMENDMENT</u>	<u>FEE PER CLAIM</u>	<u>EXTRA</u>	<u>FEE DUE</u>
Reissue Independent Claims Over 20 in '363 Patent, Fee Code 109	14	18	\$80.00	4	\$ 320.00
Reissue Claims in Excess of 20 and over in '363 Patent	46	61	\$18.00	15	\$ 270.00
Multiple Dependent	2	2		0	\$ 0.00
					\$ 590.00

- ☒ Please charge any additional fees or credit any overpayment to Deposit Account No. 06-0075 or to the Deposit Account No. 23-3189 of the law firm of Worsham Forsythe Wooldridge LLP.

A duplicate copy of this letter is attached.

Respectfully submitted,

---

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